

Appn. Number 10/750,588 (Wells et al) GAU 2858 Amendment A, continued 2

**Claims:** Cancel all claims of record and substitute new claims 5 to 8 as follows:

5. A non-contact voltmeter comprising a vacuum tube operated at substantially reduced cathode temperature and electron emission, whereby voltages, or by inference, other related quantities or qualities are measured in real time, using only the naturally occurring voltage and conductivity present.
6. A non-contact voltage amplifying circuit comprising an antenna and an earth ground, whereby earth's atmospheric voltages are measured, informing anglers to the presence of conditions conducive to the natural stimulation of fish feeding.
7. A non-contact voltage amplifying circuit comprising a vacuum tube operated at substantially reduced cathode temperature and electron emission, the sole path for electron communication between the control grid and the return side of the circuit being provided by the subject to be measured.
8. A voltmeter comprising a vacuum tube voltage amplifying circuit, said vacuum tube operated at substantially reduced cathode temperature and electron emission, said circuit arranged to develop a voltage for indication by a meter, or produce a control voltage.